## ABSTRACT OF THE DISCLOSURE

A method is provided wherein a temperature reading error of a pyrometer is avoided. An upper pyrometer is used to detect infrared radiation from a test layer formed on a test substrate under standard processing conditions. The infrared radiation from the test layer has a period having a length which is indicative of growth rate of the layer. The period is generally inversely proportional to the growth rate. The growth rate is directly related to the temperature.

26

Patent Application

AMAT Docket No.: 006245/TCG/EPI/LE BSTZ Docket No.: 004887.P634